

Effect of pressure on the rate of the Diels-Alder reaction of diethyl azodicarboxylate with 9,10-dimethylantracene

Kiselev V., Kornilov D., Kashaeva E., Potapova L., Kononov A.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

The enthalpy, entropy, and volume of activation and volume of the Diels-Alder reaction of diethyl azodicarboxylate with 9,10-dimethylantracene in 1,2-dichloroethane have been determined. Possible factors responsible for the sharp difference between the volumes of activation and reaction are considered. © 2014 Pleiades Publishing, Ltd.

<http://dx.doi.org/10.1134/S1070428014040071>
